

Build It Better! Activity – The Fujita Tornado Damage Scale

Category	Name	Wind Speed	Damage
F0	Light Damage	<73 mph	Some damage to chimneys; branches broken off trees; shallow-rooted trees pushed over.
F1	Moderate Damage	73-112 mph	Peels surface off roofs; mobile homes pushed over; moving cars blown off road.
F2	Considerable Damage	113-157 mph	Roofs torn off houses; mobile homes destroyed; large trees snapped or uprooted; light-objects thrown at high speed; cars lifted off ground.
F3	Severe Damage	158- 206 mph	Roofs and some walls torn off well-constructed houses; trains overturned; most trees in forest uprooted; heavy cars lifted off ground and thrown.
F4	Devastating Damage	207- 260 mph	Well-constructed houses destroyed; weak structures blown off some distance; cars and large objects thrown at high speed.
F5	Incredible Damage	261- 318 mph	Strong houses lifted off foundations and swept away; automobile-sized objects fly through the air in excess of 100 meters (109 yards); trees debarked; incredible things will occur.

(Source: <http://www.noaa.gov/tornadoes.html>)